

Message

---

**From:** Houston, Michelle [houston.michelle@epa.gov]  
**Sent:** 1/25/2017 7:19:22 PM  
**To:** Sohacki, Lynn [sohacki.lynn@epa.gov]  
**CC:** Schauer, Ethan [schauer.ethan@epa.gov]; Wehrly, Linc [wehrly.linc@epa.gov]; Ball, Joel [ball.joel@epa.gov]  
**Subject:** RE: PEMS test plan for the VW 2.0 L Gen 2

## Ex. 5 Deliberative Process (DP)

---

**From:** Sohacki, Lynn  
**Sent:** Wednesday, January 25, 2017 1:56 PM  
**To:** Houston, Michelle <houston.michelle@epa.gov>  
**Cc:** Schauer, Ethan <schauer.ethan@epa.gov>; Wehrly, Linc <wehrly.linc@epa.gov>; Ball, Joel <ball.joel@epa.gov>  
**Subject:** RE: PEMS test plan for the VW 2.0 L Gen 2

Hi, Michelle.

## Ex. 5 Deliberative Process (DP)

I will try to talk to Linc about this later today.

Thanks,

*Lynn Sohacki*  
Compliance Division  
Environmental Protection Agency  
734-214-4851  
734-214-4869 fax

Lynn

---

**From:** Houston, Michelle  
**Sent:** Wednesday, January 25, 2017 1:24 PM  
**To:** Sohacki, Lynn <sohacki.lynn@epa.gov>  
**Cc:** Schauer, Ethan <schauer.ethan@epa.gov>  
**Subject:** FW: PEMS test plan for the VW 2.0 L Gen 2

Hi Lynn,

## Ex. 5 Deliberative Process (DP)

# Ex. 5 Deliberative Process (DP)

Michelle B. Houston

Testing and Advanced Technology Division, IO

Office of Transportation and Air Quality

Ph: 734-214-4756

Fax: 734-214-4440

NOTE: On Thursday's, I work from an alternate location and can be reached at 248.996.7868

---

**From:** Knott, Dave

**Sent:** Wednesday, January 25, 2017 12:38 PM

**To:** Houston, Michelle <[houston.michelle@epa.gov](mailto:houston.michelle@epa.gov)>

**Cc:** Schauer, Ethan <[schauer.ethan@epa.gov](mailto:schauer.ethan@epa.gov)>

**Subject:** RE: PEMS test plan for the VW 2.0 L Gen 2

Michelle,

Attached for your review.

**Dave Knott**

**Program Manager**

**Jacobs Technology**

EPA Contractor

[knott.dave@epa.gov](mailto:knott.dave@epa.gov)

EPA Desk 734-214-4381

Cell 313-971-5553

---

**From:** Houston, Michelle

**Sent:** Wednesday, January 25, 2017 9:34 AM

**To:** Knott, Dave <[Knott.Dave@epa.gov](mailto:Knott.Dave@epa.gov)>

**Cc:** Schauer, Ethan <[schauer.ethan@epa.gov](mailto:schauer.ethan@epa.gov)>

**Subject:** FW: PEMS test plan for the VW 2.0 L Gen 2

Dave,

# Ex. 5 Deliberative Process (DP)

Michelle B. Houston

Testing and Advanced Technology Division, IO

Office of Transportation and Air Quality

Ph: 734-214-4756

Fax: 734-214-4440

NOTE: On Thursday's, I work from an alternate location and can be reached at 248.996.7868

---

**From:** Schauer, Ethan

**Sent:** Wednesday, January 25, 2017 9:11 AM

**To:** Houston, Michelle <[houston.michelle@epa.gov](mailto:houston.michelle@epa.gov)>

**Subject:** RE: PEMS test plan for the VW 2.0 L Gen 2

Ethan T. Schauer

PEMS Testing Coordinator

Engine Testing Center

U. S. Environmental Protection Agency

National Vehicle and Fuel Emissions Laboratory

(734) 214-4281

[schauer.ethan@epa.gov](mailto:schauer.ethan@epa.gov)

---

**From:** Houston, Michelle

**Sent:** Tuesday, January 24, 2017 1:51 PM

**To:** Schauer, Ethan <[schauer.ethan@epa.gov](mailto:schauer.ethan@epa.gov)>

**Subject:** RE: PEMS test plan for the VW 2.0 L Gen 2

So, as a test, let's use Dave Knott's form for this one. Is that possible?

---

**From:** Schauer, Ethan

**Sent:** Tuesday, January 24, 2017 10:08 AM

**To:** Houston, Michelle <[houston.michelle@epa.gov](mailto:houston.michelle@epa.gov)>

**Subject:** FW: PEMS test plan for the VW 2.0 L Gen 2

Michelle,

Here is the requested PEMS test plan on the first Gen 2 VW.

Ethan T. Schauer

PEMS Testing Coordinator

Engine Testing Center

U. S. Environmental Protection Agency

National Vehicle and Fuel Emissions Laboratory

(734) 214-4281  
[schauer.ethan@epa.gov](mailto:schauer.ethan@epa.gov)

---

**From:** Ball, Joel  
**Sent:** Tuesday, January 24, 2017 9:57 AM  
**To:** Schauer, Ethan <[schauer.ethan@epa.gov](mailto:schauer.ethan@epa.gov)>; Snyder, Jim <[Snyder.Jim@epa.gov](mailto:Snyder.Jim@epa.gov)>; Cullen, Daniel <[Cullen.Daniel@epa.gov](mailto:Cullen.Daniel@epa.gov)>  
**Subject:** PEMS test plan for the VW 2.0 L Gen 2

Hi Ethan,

Please see the following test plan for the VW 2.0 L Gen 2 vehicle VIN # Ex. 6 Personal Privacy (PP) The order of the warm start routes is not critical, if you have reason to shift these around that is fine.

1. Fuel as necessary with cert diesel #19
2. Route A. - Cold start indoor soak
3. Route B -warm start
4. Route C -warm start
5. Fuel as necessary with cert diesel #19
6. Cold soak outdoors
7. Route A. - Cold start outdoor soak
8. Route D -warm start
9. Route E -warm start
10. Fuel as necessary with cert diesel #19
11. Cold soak outdoors
12. Route B. - Cold start outdoor soak
13. Soak outside for 10 minute
14. soak route
15. Soak outside for 1 hour
16. soak route
17. Soak outside for 2 hours
18. soak route
19. Ex. 5 Deliberative Process (DP) } warm start

Joel Ball  
Light-Duty Vehicle Group  
Compliance Division  
United States Environmental Protection Agency  
(734) 214-4238  
[ball.joel@epa.gov](mailto:ball.joel@epa.gov)